## **Key Activities in Managing Information**

## Review/Assess Watershed Information

- · Overlay unit coverage and potential stressors
- · Relate stress coverage to stream stretch coverage
- · Relate stress coverage to stream classification and use attainment
- · Compile/convert text files

#### **Evaluate/Present Information**

- Trend analysis and statistical summaries
- Summaries of basin priorities per water quality assessment reports
- CRP contractor guidance

#### **Prioritize Watershed Issues**

- Document/manage feedback from planning stakeholders
- · Maintain Matrix of priority issues and watersheds

## Formalize Monitoring and Data Collection Partnerships

• Establish and document design and QA/QC protocols

#### **Identify Baseline and Strategic Sampling Locations**

· Digitize and create coverages for GIS

## Metadata

- Develop database of existing databases
- Develop bibliography of relevant studies, reports, etc.

## **Compile Relevant Water Quality Issues**

- · Convert and digitize as needed
- · QA/QC and store data

#### **Manage Data**

- · Create databases
- Import historical data and input new data
- QA/QC

## **Assess Priority Watershed Issues**

- Reconfigure databases for model input-sorting, relating, retrieving
- Use data to develop/apply models to further quantify relationships and test future conditions
- · Generate screen displays, maps, tables, charts
- Delineate geographic areas for strategy development

#### **Develop Strategies**

- Identify specific goals and objectives
- Identify resource management options and means for implementation
- · Test management options in models and evaluate effectiveness
- Develop matrix/rank options per goals, objectives, and cost effectiveness

## Prepare Draft Plan

- Assemble recommendations, management strategies, schedules, maps, and funding mechanisms from stakeholders
- Summarize information from previous steps

#### **Draft Plan Review/Hearings**

- Document/manage written and oral feedback from stakeholders
- Revise plan (maps, text files, etc.)

# Phases of the Basin Management Cycle

### **Scoping and Re-evaluation**

Conduct Public Outreach and Education

Establish Basin Goals and Priorities and Develop Monitoring Plan

#### **Data Collection**

Implement Strategic Data Collection and Monitoring Plans

Compile and Maintain Detailed Information and Data

## **Assessment and Targeting**

Analyze and Evaluate Information and Data

Quantify Impacts and Resources and Rank Watersheds

## **Strategy Development**

Develop Management Strategies and Priority Watersheds

Document Management Strategies and Recommendations

## **Implementation**

Finalize Watershed Action Plans

Implement Watershed Management Strategies